

## 2/11

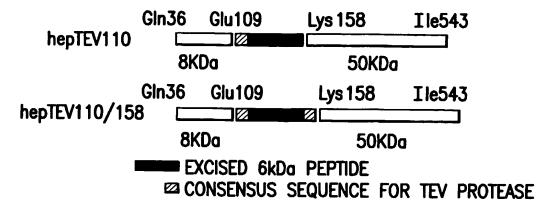
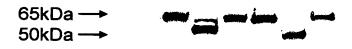
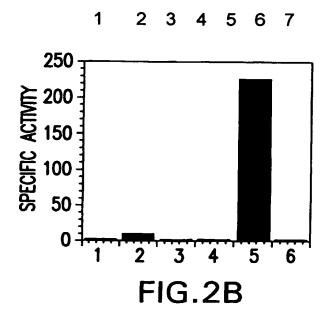


FIG.2A





QQDVVDLDFFTQEPLHLVSPSFLSVTIDANLATDPRFLILLGSPKLRTLARGLSPAYLRFGGTKTDFLIF: 104 TDDVVDLEFYTRRPLRSVSPSFLSYTIDANLATDPRFLTFLGSPKLRTLARGLSPAYLRFGGTKTDFLIF: 96 ADDAAGLEFTTERPLHLVSPAFLSTTIDANLATDPRFFTFLGSSKLRTLARGLSPAYLRFGGTKTDFLIF: 96 ADDAAGLEFTTERPLHLVSPAFLSTTIDANLATDPRFFTFLGSSKLRTLARGLSPAYLRFGGTKTDFLIF: 106 PRRTAGLQLGLREPTGRPHLVSPAFLSLTLDASLARDPRFYALLRHPKLHTLASGLSPGFLRFGGTSTDFLIF: 103 PRRTAGLQLGLREPTGRVRTVNENFLSLQLDPSIIHD-GWLDFLSSKRLVTLARGLSPAFLRFGGTTVDFLIF: 99 KNVIASVSESFHGVAFDASLFSFGIDTTETEN-VNRINYSDTRLRECSPAFLRFGGTKANWLFF: 69 NYVCATLDLWMPHDKCNYDQCPWGYSSFLNLDLNNNITRNAVKEFAPLKIRFGGTLQDVIY: 105 DFICATLDWWPPEKCDYGSCSWDHASLINLDLNNVILQNAIKAFAPLKIRFGGTLQDIVIY: 105 NFICATLDWWPPEKCDYGSCSWDHASLINLDLNNVILQNAIKAFAPLKIRFGGSLQDQVIY: 106 NFICATLDWWPPEKCDYGSCSWDHASLINLDLNAVILGNAIKAFAPLKIRFGGSLQDQVIY: 103	DPKKESTFEBRSYMQSQVNQDICKYGSIPPDV
ADDAY ADDAY ADDAY NYCA NYCA NFICA NFICA	DPKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK
35 :: 116 :: 35 :: 37 :: 37 :: 37 :: 37 :: 45 ::	105 : 97 : 107 : 86 : 100 : 10
HEPAR_HUMAN HEPAR_MOUSE HEP_BOSTAURUS HEPAR_GALLUS HEPLIKE_BM HYALURON_HM BETAGLUCOR_SB ARAB_NP_196400 ARAB_NP_851093 ARAB_NP_200933	HEPAR_HUMAN  HEPAR_MOUSE  HEP_BOSTAURUS  HEPAR_GALLUS  HEPLIKE_BM  HEPLIKE_BM  HYALURON_HM  BETAGLUCOR_SB  ARAB_NP_196400  ARAB_NP_851093  ARAB_NP_200933

FIG.3A-1

## 4/11

SEQ II	33	34	35	36	37	38	39	40	41	45	43
	: 209	: 201	: 211	: 189	: 224	: 183	: 155	: 204	: 183	: 184	: 181
	DLQWNSSNAQLLLD	DLRWNSSNAQLLLD	DMHWDSSNAQLLLD	GLQWDSSNAKQLLG	NNSWNSSSALSLLK	HGWNEKNARELIE	KKTTSTWDSSTATKLFK	JYLGETTTAVGEMDYSNSKFLIE	KAWGGAWDHINTQDFLN	EAIGAWNYTNAESFIR	TAWGGDWDHTNTODFMN
	159 : KFKNSTYSRSSVØVLYTFANCSGLØLIFGLNALLRTA	SV <mark>D</mark> MLYSFAKCSGL <mark>D</mark> LIFGLNALLRTP	SV <mark>D</mark> MLYTFASCSGLNLIFGVNALLRTT	IL <mark>D</mark> ILHTFASSSGFRLVFGLNALLRRA	SLDKLYNFADCSGLHLIFALNALRRNP	WNQINDFCRKTNLKLLFSLNAMLRON	ĨFDDLVKLTKGSKMRLLFDLNAEVRTGYEIG	RWDEINQFILETGSEAVFGLNALRGKTVEIKGIIKDGC	RWDELNSFLTÄTGAVVTFGLNALRGRH-KLRG	RW <mark>DE</mark> LNAFFRKTGTKVIFGLNALSGRSIKSNG	RWDEVNHFFNATGAIVTFGLNALHGRN-KLNG
	: KFKNSTYSRSS	I : <b>E</b> FKNSTYSRSS	L : KFTNSTYSRSS	. KHKNTTITRST	I : TYSNLILTARS	:PFFIMTGN	:NNLKKET	3 :HACLSLOR	) :KGCLHMKR	) :QGCLPMRR	':BGCLYMKR
	159	151	161	139	174	136	105	138	129	130	127
	HEPAR HUMAN	HEPAR_MOUSE	HEP_BOSTAURUS	HEPAR_GALLUS	HEPLIKE HUMAN	HEPLIKE_BM	HYALURON HM	BETAGLUCOR SB	ARAB NP 196400	ARAB_NP_851093	ARAB NP 200933

## FIG.3A-2

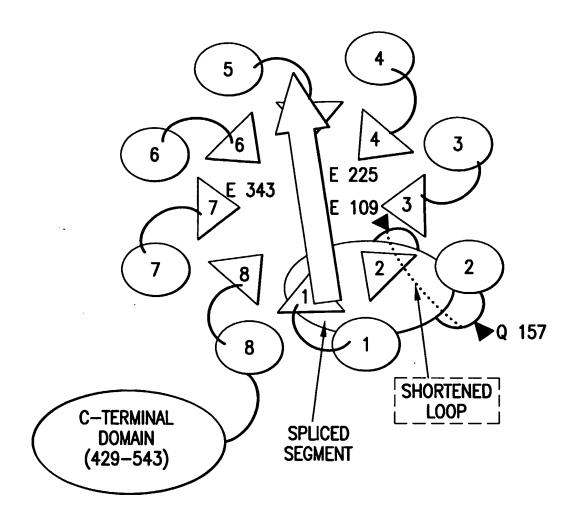
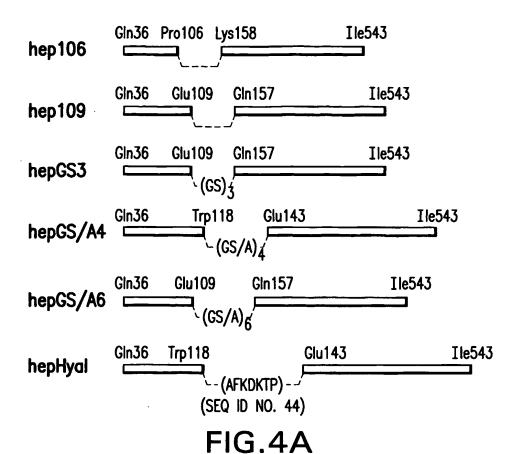


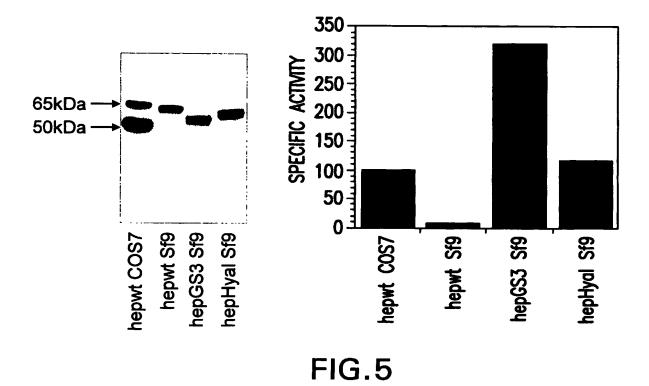
FIG.3B

## 6/11



Bla
hep106
hep109
hep6S3
hep6S/A4
hep6S/A6
hep109
hep106

FIG.4B



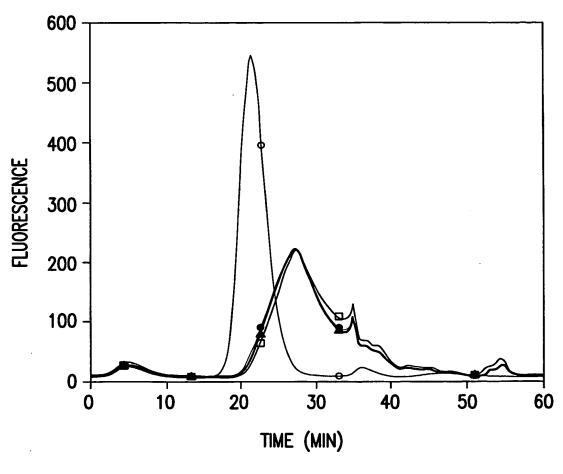


FIG.6

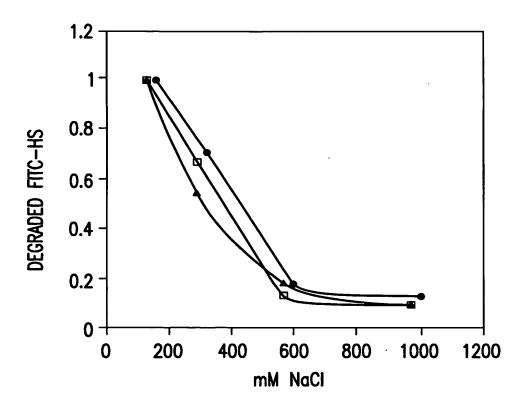


FIG.7A

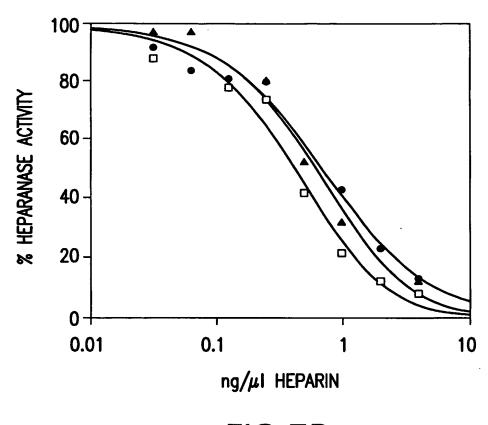


FIG.7B

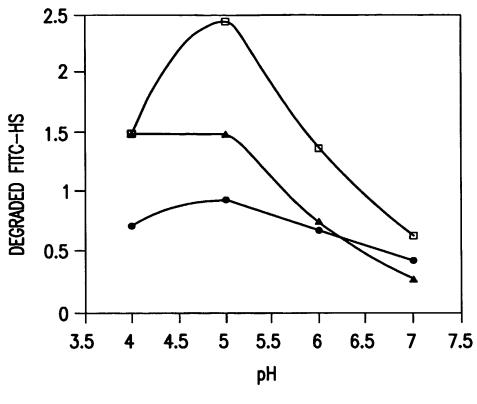


FIG.7C